Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 19 Aug 2023 until 23:59 on Sunday 20 Aug 2023

Forecast Issued on Friday 18 Aug 2023 at 16:02

Confidence: High confidence for strong winds and rain Friday night into Saturday. Low confidence for Tuesday due to a narrow band of rain and cloud in the area.

Headline for Saturday 19 Aug 2023: Windy with outbreaks of rain. Gradually improving.

Mountain weather hazards on Saturday 19 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Dull	Dull	Light rain showers	Light rain showers	Cloudy	Cloudy	Cloudy
Precipitation probability							
90%	30%	10%	30%	30%	10%	10%	10%

Forecast for Saturday 19 Aug 2023

Weather: Largely dry once the heavy rain clears in the early hours of Saturday morning, but occasional drizzly showers are likely from mid-morning through to late afternoon. Generally becoming brighter during the afternoon but still windy, with some sunny spells.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Cloud largely clear of the summits, although the highest tops may occasionally become covered, particularly around showers. Poor visibility in any cloud covering hills, and in drizzly showers, otherwise very good.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Saturday 19 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/32 SE	26/35 S	28/38 S	27/36 SW	29/39 SW	24/34 SW	21/29 SW	18/27 SW	20/28 SW
300	22/33 SE	20/29 S	21/31 S	22/32 SW	23/34 SW	20/30 SW	16/24 SW	14/22 SW	15/23 SW
Valley	13/31 SE	13/29 S	14/31 S	15/31 S	16/33 SW	15/29 SW	12/25 SW	9/21 SW	9/22 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/11	15/10	13/9	14/9	15/10	16/11	15/11	13/10	12/9
300	17/13	17/14	16/12	16/12	18/13	18/14	18/15	16/13	14/12
Valley	17/15	17/15	16/14	17/14	19/16	19/16	18/16	16/15	15/13
Freezing Level*	4000m	2600m	2900m	3000m	2900m	2700m	2400m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Windy at height, making walking arduous. Watercourses may be swollen and paths are likely to be slippery after overnight rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 18 Aug 2023	0.2mm	0.2mm	0.4mm

Forecast for Sunday 20 Aug 2023

Weather: Occasional showers overnight Saturday into Sunday, but becoming largely dry by Sunday afternoon, with just the odd shower possible. Brighter, with sunny spells. Still quite breezy over higher ground, but much less windy than Saturday.

Maximum wind: Southwesterly 20 mph gusting 30 mph

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Fairly extensive cloud base around 600m at first, rising above the summits by the middle of the day and breaking up somewhat into the afternoon.

Temperature: **Valleys:** Plus 14 Celsius becoming plus 20 Celsius
At 600m: Plus 11 Celsius becoming plus 17 Celsius
Freezing level: Above the summits

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